



DEPARTMENT OF DEFENSE
6000 DEFENSE PENTAGON
WASHINGTON, DC 20301-6000

OCT 7, 2003

CHIEF INFORMATION OFFICER

MEMORANDUM FOR SECRETARIES OF THE MILITARY DEPARTMENTS
UNDER SECRETARIES OF DEFENSE
ASSISTANT SECRETARIES OF DEFENSE
GENERAL COUNSEL OF THE DEPARTMENT OF DEFENSE
INSPECTOR GENERAL OF THE DEPARTMENT OF DEFENSE
DIRECTOR, OPERATIONAL TEST AND EVALUATION
ASSISTANTS TO THE SECRETARY OF DEFENSE
DIRECTOR, ADMINISTRATION AND MANAGEMENT
DIRECTOR, PROGRAM ANALYSIS AND EVALUATION
DIRECTOR, FORCE TRANSFORMATION
DIRECTORS OF THE DEFENSE AGENCIES
DIRECTOR, JOINT STAFF
DIRECTORS OF THE DOD FIELD ACTIVITIES

SUBJECT: Rapid Acquisition Incentive – Net Centricity (RAI-NC) FY04 Pilot Selection

I am pleased to announce the selection of the FY04 RAI-NC proposals shown at the attachment. These proposals provide opportunities for DoD Components at all levels to accelerate net centricity via IT pilot projects that:

- support the advancement of net-centric tenets and transformational processes;
- field business case-driven proof of concept pilot projects; and
- provide pilot project results capable of being scaled across the DoD Enterprise.

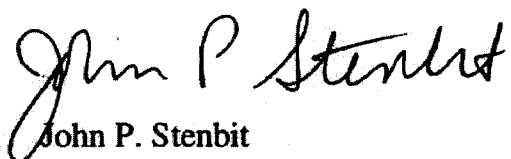
The FY04 RAI-NC pilots are consistent with the strategies for each of the DoD Business Domains and the Technical Infrastructure Domain. They represent organizational constituency from the Military Departments, the Joint Staff, Combatant Commands, Defense Agencies, and OSD. The pilots directly support the DoD CIO goals for net centricity. I expect the recommended portfolio will have a very positive effect on DoD transformation efforts and our ability to support the warfighter.

These selected pilot projects (one page summary of each attached) will be required to demonstrate net-centric tenets; and adhere to cost, schedule, and stated performance measurement plans. I will soon sponsor a "FY04 RAI-NC Kick-Off Conference" for these pilots within the next several weeks, to ensure that expectations are level for pilot project submitters and stakeholders



There was tremendous response from DoD Components, at all levels, across the enterprise. Over 120 proposals were submitted, from which we were able to select a maximum of 12 (pending FY04 funding allocations). The remaining submissions contain many good examples of initiatives that could help speed the DoD net-centric transformation and should be considered by you for alternative funding sources. We anticipate our data call for proposed FY05 RAI-NC pilots will begin in April 2004, and strongly encourage your future submission of net-centric transformational candidate pilots.

The DoD CIO point of contact for this activity is Mr. Jim Mulder, ODASD (DCIO)PP&I, 703-604-1489 extension 126, email: jim.mulder@osd.mil.



John P. Stenbit

Attachments
As Stated

DOD Rapid Acquisition Incentive for Net Centrality (RAI-NC) Pilots Ranked List

ID	Project Name	Domain(s) Covered	Sponsor	Cost	Running Total
1119	Enterprise Spend Analysis Pilot	ACQ	OSD (A&L)	\$950,000.00	\$950,000.00
1089	Standard Access Functions for the CAC	TI	Army	\$750,000.00	\$1,700,000.00
1053	Virtual Mission Operations Center Web-Based Interface	TI	Air Force	\$500,000.00	\$2,200,000.00
1100	Implementation of WEBLOG Technology to Accelerate Test/Eval Programs	TI	Navy	\$450,000.00	\$2,650,000.00
1067	JSIP CBRN Sensor Enterprise Command and Control Middleware System	IE, TI	OSD (A&L)	\$375,000.00	\$3,025,000.00
1050	Rapid ACQ Initiative Enterprise Services	TI	OSD (NIJ)	\$1,000,000.00	\$4,025,000.00
1037	Global Force Management Enterprise Data Initiative	HRM, SPB	Joint Staff (J-8)	\$1,000,000.00	\$5,025,000.00
1040	CopperTop	TI	ComCmd (USSOCOM)	\$750,000.00	\$5,775,000.00
1083	EDA Net-Centric Data Services	SPB, ACQ, ACC/FIN	Def Agency (DISA)	\$600,000.00	\$6,375,000.00
1055	Defense Medical LOG Standard Support Net Centric-Uniform Data Repository	HRM, LOG	OSD (HA)	\$789,000.00	\$7,164,000.00
			Assumes a 20% withhold and \$800K funding for EA		
1011	Defense Acquisition Management Information Retrieval	ACQ	OSD (A&L)	\$910,000.00	\$8,074,000.00
			Assumes a 10% withhold and \$800K funding for EA		
1065	Defense Training, Notification and Tracking System	HRM	Def Agency (DISA)	\$985,000.00	\$9,059,000.00
			Assumes full funding and \$800K funding for EA		

Domains: ACQ - Acquisition, LOG - Logistics, ACC/FIN - Accounting Finance, HRM - Human Resources, SPB - Strategic Planning Budgeting, IE - Installations Environment, TI - Technical Infrastructure

PILOT PROFILE

POC: Diane Morrison	Total Cost: \$950,000.00
	Duration: 11 months
Prefix/Rank: Ms.	Service: Office of the Secretary of Defense
Title: Procurement Analyst	Activity: AT&L DPAP
Email: diane.morrison@osd.mil	Command: OSD Headquarters

PILOT EVALUATION

Pilot Summary:

This pilot will create a data schema, common data model, and deploy a Business Intelligence tool (Business Objects) for integrating procurement contract, acquisition, and financial data from existing legacy systems (including SPS), and provide web services to report the spend analysis data. The project is based on a service-oriented architecture (SOA) that delivers interoperable access to consistent, accurate, and timely data between military services and agencies within DoD.

Overall Netcentric Value:

IMPACT: By creating a global, enterprise-level spend analysis capability that supports visibility and accessibility to spend data, defense components will be able to identify procurement trends, report purchasing patterns, and identify strategic sourcing opportunities for cost savings and quality improvements.

EXECUTABILITY: All Services will be involved to define data model and requirements, and initial pilot testing will be done within a Navy or Air Force Business Intelligence portal to test feasibility before launching to a group of users.

TRANSFORMATION: This pilot is designed to deliver a spend analysis capability, which is the analytical basis for strategic sourcing. This initiative will use a unified process that gathers data from multiple systems in multiple locations with different characteristics, and combine that data into information that has a common understanding across the DoD enterprise.

Participants:

OSD/AT&L/DPAP, Army, Air Force, Navy

PILOT PROFILE

POC: Eric	Total Cost: \$750,000.00
Hildre	Duration: 8 months
Prefix/Rank: Mr.	Service: Army
Title:	Activity: PM SET D
Email: eric.hildre@us.army.mil	Command: PEO EIS

PILOT EVALUATION

Pilot Summary:

This pilot proposes to develop (in Java code) a set of standard CAC functions that implement the Basic Services Interface (BSI) as defined in the NIST Government Smart Card-Interoperability Specification (GSC-IS). These calls are required to obtain services, such as encryption, authentication, and digital signatures from the card. Additional (Extended Services Interface - XSI) functions will also be developed, based upon a survey of user requirements. The result will be open source functionality, accessible to all DoD CAC developers, thus reducing time to market and stimulating implementation of CAC-enabled web applications.

Overall Netcentric Value:

Eliminates the need for application developers to build CAC access functionality from scratch each time they design a new system. This pilot strongly supports net-centricity principles, particularly in the areas of Level of Compliance, Cross Functionality, Project Planning, Leadership Support and Information Assurance.

Participants:

Army, Navy, Air Force, DoD Access Card Office

1053 Virtual Mission Operations Center Web-Based Interface

Final Score: 0.89

PILOT PROFILE

POC: Brett

Conner

Total Cost: \$500,000.00

Duration: 9 months

Prefix/Rank: Capt

Service: Air Force

Title: Research Officer

Activity: Air Force Space Battlelab

Email: brett.conner@schriever.af.mil

Command: Headquarters

PILOT EVALUATION

Pilot Summary:

The Virtual Mission Operations Center (VMOC) uses IP based systems to allow end user access to satellite information. Currently the end user must coordinate with the satellite command and control center, which then retrieves information from the satellite. This pilot will create a web interface allowing the warfighter, via VMOC, to communicate directly to the satellite. This pilot creates a connection between the warfighter and a satellite based on Internet based open standards.

The pilot will test how a user logs on to a VMOC server, authenticates and if authorized can perform functions. The VMOC first looks at its database and if the information is available, sends the information back to the user. If the information is not available, the user's request is prioritized and then executed by the satellite. This interface is web-based and would allow an authorized user to access this system from any web-based computer from any location.

The information requested will be available to the war fighter quicker and easier. The need for the middleman to retrieve this information will be eliminated.

Overall Netcentric Value:

This submission gives information to the warfighter. It will allow the end user to pull information as required. Creates a dynamic, interoperable communications infrastructure. Includes Air Force, Army, NASA, Navy.

Participants:

Support is provided by: 14th Air Force, Air Force Research Lab, Naval Research Lab, Air Force Satellite Control Network, Army, Army Space Battle Lab, Air Force Space Battle Lab, NASA, National Reconnaissance Office, Joint Forces, Office of Force Transformation, OSD and others.

1100 Implementation of WEBLOG Technology to Accelerate Test & Evaluation Programs

Final Score: 0.88

PILOT PROFILE

POC: Tammi

McVay

Prefix/Rank: Ms.

Title:

Email: mcvaytr@npt.nuwc.navy.mil

Total Cost: \$450,000.00

Duration: 4 months

Service: Navy

Activity: NUWC

Command: ECHELON 2

PILOT EVALUATION

Pilot Summary:

Test & Evaluation Weblog (T&E BLOG) proposes implementing a BLOG for the T&E community. A BLOG is similar to a Community of Interest (COI), but applies multi-role security needed to freely communicate about proprietary technologies among different industry partners on the same team. Pilot will use a software solution from Traction to build the BLOG. The focus will be on the Liberty Project, night-vision technology, bringing the Services together with Ford Motor Company & New York City Police. Key success metrics will compare T&E cycle times for planning, executing and document test results.

Overall Netcentric Value:

T&E BLOG supports all three Net Centric goals: data is populated from commercial and other services and shared appropriately in order to get cutting edge technology to DoD before it is commercially available to our enemies. Thus, it is in close alignment with majority of net centric architectural tenants & investment areas: data posting before processing, users pulling information, and collaboration between experts on an as needed basis. Proposal also supports the Government-Wide Initiatives in the President's Management Agenda. The increased collaboration with industry provides expanded electronic government services that allows the government to make decision faster regarding their investments according to project performance.

Participants:

- Naval Underwater Warfare Center
- Office of Naval Research
- Marine Corps
- Army Night Vision Lab
- Defense Acquisition University
- Ford Motor Company
- NYC Police

1067 JSIPP CBRN Sensor Enterprise Command and Control Middleware System

Final Score: 0.82

PILOT PROFILE

POC: Brenda

Besore

Total Cost: \$375,000.00

Duration: 6 months

Prefix/Rank: Ms.

Service: Office of the Secretary of Defense

Title: JPEOCBD CIO

Activity: Joint Program Executive Office for Chemical/Bio

Email: brenda.besore@jpeocbd.osd.m

Command: Director

PILOT EVALUATION

Pilot Summary:

This is a proof of concept pilot for providing command and control monitoring sites using network middleware. This would provide reach back capability to centrally capture data from Joint Service Installation Pilot Program (JSIPP). JSIPP is placing sensors to monitor Chemical, Biological, Radiological and Nuclear (CBRN) in various DoD service installations. Currently the data from these sensors are being captured at a centralized location on each installation. Information from the installation is then being funneled back to the Joint Program Executive Office for Chemical and Biological Defense (JPEOCBD). The current process includes a manual review of the data and manual reporting of the data.

This pilot will test whether this data, through a server and middleware software product, can be sent directly back to JPEOCBD. This centralized review will allow for a real-time macro view of all the sensors. This pilot is analogous to home security systems. Sensors are on the doors and windows. These sensors are all linked to an in-house central control area. This pilot takes that system and electronically provides the information back to the 24/7 central control center that monitors all the houses.

Overall Netcentric Value:

This pilot supports the President's Management Agenda, eGov, and net centric goals. This process will affect manpower and crisis responsiveness initiatives. Net centric warfare goals are met by real-time collaboration, cycle-time is seconds, task post process and use, more information gathered in smarter ways, etc.

Participants:

This is supported within JPEO CBD and Defense Threat Reduction Agency.

RAI-NC Pilot Project Profile Evaluation

1050 Rapid Acquisition Incentive - Enterprise Services

Final Score: 0.71

PILOT PROFILE

POC: Anthony

Simon

Total Cost: \$1,000,000.00

Duration: 12 months

Prefix/Rank: Mr.

Service: Office of the Secretary of Defense

Title:

Activity: DCIO

Email: anthony.simon@osd.mil

Command: OASD(NII)

PILOT EVALUATION

Pilot Summary:

Common Enterprise Services will provide a network infrastructure that unifies the architecture approach, development, and Configuration Management (CM) of enterprise services spanning DoD programs. This project will enable individual programs to leverage a pilot instance of the Global Information Grid (GIG) Network Centric Enterprise Services (NCES) of Security, Discovery, Mediation, and Data to establish the foundation for new and existing applications. The emerging net-centric approach will provide a new level of technology capability, efficiency, and cohesion across RAI-NC pilot programs as well as the Department of Defense (DoD).

Overall Netcentric Value:

By providing a foundation on which other pilots may build, the RAI Enterprise Services will deliver its real netcentric value a couple of years from now. The pilot attempts to address many of the logical first steps in realizing the DoD CIO's vision of a reliable network that illustrates the data and collaborative-related tenets of netcentricity. This pilot's reliance on other pilots to show direct value makes it difficult to measure success, but the strong leadership support from the Technical Infrastructure domain owner may help to mitigate any resistance to future utilization.

Participants:

Pilot has leadership support from Ms. Priscilla Guthrie, domain owner for the Technical Infrastructure domain.

1037 Global Force Management Enterprise Data Initiative

Final Score: 0.76

PILOT PROFILE

POC: George

Sprung

Prefix/Rank: Mr.

Title: Chief, MASO

Email: sprunggg@js.pentagon.mil

Total Cost: \$1,000,000.00

Duration: 12 months

Service: Joint Staff

Activity: Joint Staff/J-8

Command: Joint Staff

PILOT EVALUATION

Pilot Summary:

Joint Staff/J-8 proposes a Global Force Management Data Initiative (GFM-EDI) that involves delivering a subset of global force management data to DoD planners in a netcentric environment. Pilot will leverage a GFM community of interest consisting of representatives from most major defense activities that will identify data sources to capture data relating to unit location, activity, and event. GFM-EDI will create metadata tags and enable web services to permit the implementation and testing of a central user interface to acquire that data.

Overall Netcentric Value:

The GFM-EDI pilot effort addresses the major tenets of netcentricity, particularly the access of information from its source and giving users the flexibility to pull data on demand. However, the scope and planning for this pilot more closely resemble the first phase of enterprise implementation, as opposed to completion of a pilot prototype. Pilot planners have done an excellent job of laying the groundwork for a netcentric solution, but any problems with DoD data sources will likely delay development of a user interface from which to measure results. This project clearly meets the criteria in the areas of Cross Functionality, Business Value, Process Reengineering and Only Handle Information Once.

Participants:

From the Joint Staff, LtGen James Cartwright, Director for Force Structure, Resources & Assessments (J-8), and Lisa Disbrow, Deputy Director for Force Management (DDFM), provide leadership support for the GFM Community of Interest, which includes representatives from all major defense services.

PILOT PROFILE

POC: Mark Spadaro	Total Cost: \$750,000.00
	Duration: 9 months
Prefix/Rank: Mr.	Service: Combatant Command
Title: Systems Engineer	Activity: SOAL/PEO-IIS
Email: spadarm@socom.mil	Command: USSOCOM

PILOT EVALUATION

Pilot Summary:

CopperTop is multi-level security system that allows access to information classified at different levels on a single computer. This process is based on using existing Intel based hardware. The operating system and application software will be the exact same software that users are currently using. The big change will be having one computer as a single interface to all information, no matter the security level of the information. NSA currently supports multiply independent levels of security (MILS) which is the basis for the separation kernel used in this software. This pilot will leverage a current NSA concept, NetTop.

This software will allow a user to open windows of information at different security levels at the same time on the same computer. The data within the windows cannot be moved or copied outside it own window for security reasons. The project's objective is to demonstrate a system capable of simultaneous operation of multiple applications at multiple security levels on a single computer.

Overall Netcentric Value:

This pilot addresses a need throughout DoD for one workstation that accesses different data security levels. The costs saving of hardware and software is estimated at about \$7M/year at USSOCOM. This does not include manpower savings related to the reduced number of workstations to support and repair.

Participants:

The participants in this pilot include USSOCOM and NSA.

PILOT PROFILE

POC: Beverly Simons	Total Cost: \$600,000.00 Duration: 10 months
Prefix/Rank: Ms.	Service: Defense Agency
Title: EDA PM	Activity: APD12
Email: simonsb@ncr.disa.mil	Command: DISA

PILOT EVALUATION

Pilot Summary:

As a cornerstone of Department of Defense (DoD) Electronic Business, DoD Electronic Document Access (DoD EDA) captures and provides access to contractual data across multiple DoD business domains within the DoD Business Management Modernization Program (BMMP), supporting all Services and Agencies as well as our industry partners. This pilot will develop EDA-NetCentric Data Services (EDA-NC), a standards-based and COTS-based solution to publish and subscribe EDA XML tagged data. EDA-NC will capitalize on industry best practices to accelerate business transformation and achieve the overall RAI-NC vision.

Overall Netcentric Value:

While this proposal is the third phase of a larger effort, the project does meet the standards of what constitutes an RAI-NC pilot, as it will demonstrate the use of web services to deliver information from the EDA contracts database into a Wide Area Workflow Application. The project is well-planned, has leadership support, uses COTS products, and will be tested by representatives of all defense services. This project meets the criteria in the areas of Level of Compliance, Cross Functionality, Business Value and Leadership Support.

Participants:

Pilot support from the representatives in the Acquisition (Mark Krzysko) and Finance (JoAnn Boutelle) domains and from DISA leadership. DISA will be the primary participant in this pilot with testing provided by a small cross-section of users from the Army, Navy, Air Force, DFAS and DCMA.

1055

Defense Medical Logistics Standard Support Net Centric-Uniform Data Repository

Final Score: 0.74

PILOT PROFILE

POC: George**Total Cost:** \$789,000.00

Magee

Duration: 12 months**Prefix/Rank:** COL**Service:** Office of the Secretary of Defense**Title:** PM, DMLSS**Activity:** TRICARE Management Activity/Military Health S**Email:** george.magee@tma.osd.mil**Command:** ASD (Health Affairs)

PILOT EVALUATION

Pilot Summary:

The Defense Medical Logistics Standard Support Net Centric-Uniform Data Repository (DMLSS UDR) will create a real time logistics data source. The project deals with medical supplies and pricing throughout DoD. The current process is to collect this information in a database and once a month have a CD created with this data. The CD is then sent to all the users. The problem is that this data is very volatile. The pricing on the CD is compensated to allow for some change, but the pricing could be 30-60 old before the end user looks at the information.

This pilot will put this information on-line so that pricing and information is current, so that users are seeing real-time cost information. Projected price changes and the effective date of the price change will be a part of the system. This information will allow the government the ability to order materials to take advantage of these impending price changes.

Overall Netcentric Value:

This puts accurate information in the hands of the end user. This information is used throughout DoD. This is a better Government to business interface. Many net centric tenants are met including: Doing more with information that exists, Real-time pulled information, pull information down. This will reduce pricing error rework and cost savings to the Government through better timed purchases.

Participants:

Leadership support from the TRICARE command to OSD.

1011

Defense Acquisition Management Information Retrieval

Final Score: 0.74

PILOT PROFILE

POC: Elizabeth

Flaharty

Total Cost: \$910,000.00**Duration:** 12 months**Prefix/Rank:** Ms.**Service:** Office of the Secretary of Defense**Title:** Program Analyst**Activity:** AT&L(ARA/AM)**Email:** elizabeth.flaharty@osd.mil**Command:** DoD

PILOT EVALUATION

Pilot Summary:

The Under Secretary of Defense for Acquisition, Technology, and Logistics (USD(AT&L)), proposes streamlining acquisition management of Major Defense Acquisition Programs (MDAP) and Major Automated Information Systems (MAIS) by eliminating burdensome reporting, while continuing to enable OSD to perform its oversight role as well as respond to OMB and Congressional needs. The DAMIR initiative will create a net-centric environment where data would be made available as quickly as possible to those who need it across the DoD Enterprise by (1) supporting posting data to shared spaces as early as possible; (2) providing users with the capability to pull data from its origin; and (3) ensuring information integrity. DAMIR will provide a performance-based integrated collaborative environment that will provide a shared solution for enterprise program management.

Overall Netcentric Value:

Pilot directly addresses all data-related tenets of netcentricity and has identified all data sources and has received buy-in from the services. Pilot will reduce lag time of Earned Value Management (EVM) data from 3-6 months to "real-time", and if successful, would demonstrate a clear model of netcentricity at work. This project clearly meets the criteria in the areas of Level of Compliance, Cross Functionality, Feasibility of Concept, Measurable Results and Only Handle Information Once.

Participants:

AT&L will be primary pilot participants with joint involvement from the Army, Navy and Air Force services.

1085 Defense Training, Notification and Tracking System

Final Score: 0.73

PILOT PROFILE

POC: Carmen

Santos-Logan

Prefix/Rank: Ms.

Title:

Email: loganc@ncr.disa.mil

Total Cost: \$985,000.00

Duration: 12 months

Service: Defense Agency

Activity: IA Division

Command: DISA CIO

PILOT EVALUATION

Pilot Summary:

This project will leverage the functionality of a system currently in place at DISA, and scale the system to meet DoD requirements. The DISA Training, Notification and Tracking System (TNTS) is used to select, identify, and track the certification status of DISA system administration personnel in regards to IA certifications. The information captured in the system will support the annual CIO report to Congress, and meet the workforce requirements and Federal requirements (FISMA - Federal Information Security Management Act)..

Overall Netcentric Value:

IMPACT: DISA needs to produce the certification statistics for the COCOMS, has demonstrated the TNTS for NAVSEA, NAVAIR, and DFAS, and currently provides tests for IA certifications.

EXECUTABILITY: Considering the TNTS system currently exists within the DISA architecture and will be modified to meet requirements, the 12 months will produce a requirements validation, Phase 1 deployment, steps for DITSCAP certification, and final report analysis.

TRANSFORMATION: DOD does not have a proven method of identifying its IA workforce, tracking personnel compliance with requirements for certification, nor have the capability to retain these records automatically. The solution will allow the capability for status tracking / reporting / alerting of certification data.

Participants:

DISA CIO, (OSD) IA Human Resources and Training - DIAP